

EXHIBIT B

REGISTRATION RIGHTS AGREEMENT

THIS REGISTRATION RIGHTS AGREEMENT, dated as of March 23, 2006 (this "Agreement"), is made by and among **ADVANCED TECHNOLOGY INDUSTRIES, INC.**, a Delaware corporation, with headquarters located at 211 Madison Avenue, #28B, New York, New York 10016 (the "Company"), and the entity (other than the Company) named on the signature page hereto (the "Investor").

WITNESSETH:

WHEREAS, upon the terms and subject to the conditions of the Securities Purchase Agreement, dated as of even date, between the Investor and the Company (the "Securities Purchase Agreement"; capitalized terms not otherwise defined herein shall have the meanings ascribed to them in the Securities Purchase Agreement), the Company has agreed to issue and sell to the Investor the Debentures; and

WHEREAS, the Debentures are convertible into shares of Common Stock (the "Conversion Shares"; which term, for purposes of this Agreement, shall include shares of Common Stock of the Company issuable in lieu of accrued interest through the Maturity Date (as that term is defined in the Debentures)) upon the terms and subject to the conditions contained in the Debentures; and

WHEREAS, upon and subject to the terms of the Securities Purchase Agreement, the Company has agreed to issue the Warrants to the Investor in connection with the issuance of the Debentures, and the Warrants may be exercised for the purchase of shares of Common Stock (the "Warrant Shares") upon the terms and conditions of the Warrants; and

WHEREAS, to induce the Investor to execute and deliver the Securities Purchase Agreement, the Company has agreed to provide certain registration rights under the Securities Act of 1933, as amended, and the rules and regulations thereunder, or any similar successor statute (collectively, the "Securities Act"), with respect to the Registrable Securities (as defined below);

NOW, THEREFORE, in consideration of the premises and the mutual covenants contained herein and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Company and the Investor hereby agree as follows:

1. Definitions. As used in this Agreement, the following terms shall have the following meanings:

(a) "Effective Date" means the date the SEC declares a Registration Statement covering Registrable Securities and otherwise meeting the conditions contemplated hereby to be effective.

(b) "Held Shares Value" means, for shares of Common Stock acquired by the Investor upon a conversion of a Debenture within the thirty (30) days preceding the Restricted Sale Date, but not yet sold by the Investor, the principal amount of the Debentures converted into such Conversion Shares; provided, however, that if the Investor effected more than one such conversion during such thirty (30) day period and sold less than all of such shares, the sold shares shall be deemed to be derived first from the conversions in the sequence of such conversions (that is, for example, until the number of shares from the first of such conversions have been sold, all shares shall be deemed to be from the first conversion; thereafter, from the second conversion until all such shares are sold).

(c) "Investor" means the Investor and any permitted transferee or assignee who agrees to become bound by the provisions of this Agreement in accordance with Section 9 hereof and who holds Debentures, Warrants or Registrable Securities.

(d) "Payment Shares" means shares of Common Stock issued by the Company as provided in Section 2(b) below.

(e) "Potential Material Event" means any of the following: (i) the possession by the Company of material information not ripe for disclosure in a registration statement, which shall be evidenced by a determination in good faith by the Board of Directors of the Company that disclosure of such information in the registration statement would be detrimental to the business and affairs of the Company or (ii) any material engagement or activity by the Company which would, in the good faith determination of the Board of Directors of the Company, be adversely affected by disclosure in a registration statement at such time; in each case where such determination shall be accompanied by a good faith determination by the Board of Directors of the Company that the registration statement would be materially misleading absent the inclusion of such information.

(f) "Register," "Registered," and "Registration" refer to a registration effected by preparing and filing a Registration Statement or Statements in compliance with the Securities Act and pursuant to Rule 415 under the Securities Act or any successor rule providing for offering securities on a continuous basis ("Rule 415"), and the declaration or ordering of

effectiveness of such Registration Statement by the United States Securities and Exchange Commission (the "SEC").

(g) "Registrable Securities" means, collectively, the Conversion Shares, the Warrant Shares and the Payment Shares.

(h) "Registration Statement" means a registration statement of the Company under the Securities Act covering Registrable Securities on Form S-3, if the Company is then eligible to file using such form, and if not eligible, on Form S-2 or other appropriate form which shall include only the Registrable Securities and the such other securities as may be permitted by Section 5(b) hereof.

(i) "Required Effective Date" means the relevant Initial Required Effective Date or Increased Required Effective Date (as those terms are defined below).

(j) "Required Filing Date" means May 15, 2006.

(k) "Restricted Sale Date" means the first date, other than a date during a Permitted Suspension Period (as defined below), on which the Investor is restricted from making sales of Registrable Securities covered by any previously effective Registration Statement.

2. Registration.

(a) Mandatory Registration.

(i) The Company shall prepare and file with the SEC, not later than the Required Filing Date, either a Registration Statement or an amendment to an existing Registration Statement, in either event registering for resale by the Investor a sufficient number of shares of Common Stock for the Investor to sell the Registrable Securities, but in no event less than the number of shares equal to the sum of (x) two hundred and ten percent (210%) of the aggregate of the number of shares into which the Debentures and all interest thereon through the Maturity Date would be convertible at the time of filing of such Registration Statement and any pre-effective amendment thereto (assuming for such purposes that all Debentures had been issued, had been eligible to be converted, and had been converted, into Conversion Shares in accordance with their terms, whether or not such issuance, eligibility, accrual of interest or conversion had in fact occurred as of such date) and (y) one hundred and ten percent (110%) of the aggregate of the number of Warrant Shares which would be issuable on exercise of the Warrants (assuming for such purposes that all Warrants had been issued, had been eligible for exercise and had been exercised for Warrant Shares in accordance with their terms, whether or not such issuance, eligibility or exercise had in fact occurred as of such date). Unless otherwise specifically agreed to in writing in advance by the Investor, the Registration Statement shall state that, in accordance with Rule 416 and 457 under the Securities Act, it also covers such indeterminate number of additional shares of Common Stock as may become issuable upon conversion of the Debentures or exercise of the Warrants to prevent dilution resulting from stock splits, or stock dividends. The Company will use its reasonable best efforts to cause such Registration Statement to be declared effective on a date (the "Initial Required Effective Date")

which is no later than the earlier of (Y) five (5) days after oral or written notice by the SEC that it may be declared effective or (Z) July 21, 2006.

(ii) If at any time (an "Increased Registered Shares Date") after a Registration Statement has been filed with the SEC, the Investor determines that the number of shares of Common Stock represented by the Registrable Shares, issued or to be issued as contemplated by the Transaction Agreements, exceeds the aggregate number of shares of Common Stock then registered or sought to be registered in a Registration Statement which has not yet been declared effective, the Company shall, upon the written request of the Investor, either

(X) amend the relevant Registration Statement filed by the Company pursuant to the preceding provisions of this Section 2, if such Registration Statement has not been declared effective by the SEC at that time, to register, in the aggregate, at least the number of shares (the "Increased Shares Amount") equal to (A) the number of shares theretofore issued on conversion of the Debentures (including any interest paid on conversion by the issuance of Conversion Shares), plus (B) the number of shares theretofore issued on exercise of the Warrants, plus (C) the sum of:

(I) the number of shares into which the unconverted Debentures and all interest thereon through the Maturity Date would be convertible at the date of such filing (assuming for such purposes that all such Debentures had been issued, had been eligible to be converted, and had been converted, into Conversion Shares in accordance with their terms, whether or not such issuance eligibility, accrual of interest, or conversion had in fact occurred as of such date), and

(II) the number of Warrant Shares which would be issuable on exercise of the unexercised Warrants (assuming for such purposes that all such Warrants had been issued, had been eligible for exercise and had been exercised for Warrant Shares in accordance with their terms, whether or not such issuance, eligibility or exercise had in fact occurred as of such date), or

(Y) if such Registration Statement has been declared effective by the SEC at that time, file with the SEC an additional Registration Statement (an "Additional Registration Statement") to register the number of shares equal to the excess of the Increased Shares Amount over the aggregate number of shares of Common Stock already registered.

The Company will use its reasonable best efforts to cause such Registration Statement to be declared effective on a date (each, an "Increased Required Effective Date") which is no later than (q) with respect to a Registration Statement under clause (X) of this subparagraph (ii), the Initial Required Effective Date and (r) with respect to an Additional Registration Statement, the earlier of (I) five (5) days after notice by the SEC that it may be declared effective or (II) thirty (30) days after the Increased Registered Shares Date.

(b) Payments by the Company.

(i) If the Registration Statement covering the Registrable Securities is not filed in proper form with the SEC by the Required Filing Date, the Company will make payment to the Investor in such amounts and at such times as shall be determined pursuant to this Section 2(b).

(ii) If the Registration Statement covering the Registrable Securities is not effective by the relevant Required Effective Date or if there is a Restricted Sale Date, then the Company will make payments to the Investor in such amounts and at such times as shall be determined pursuant to this Section 2(b).

(iii) The amount (the "Periodic Amount") to be paid by the Company to the Investor shall be determined as of each Computation Date (as defined below) and such amount shall be equal to the Periodic Amount Percentage (as defined below) of the Purchase Price for all Debentures held by the Investor for the period from the date following the relevant Required Filing Date or the Required Effective Date or a Restricted Sale Date, as the case may be, to the first relevant Computation Date, and thereafter to each subsequent Computation Date. The "Periodic Amount Percentage" means (A) one percent (1%) of the Purchase Price of all Debentures for the first two Computation Dates after the relevant Required Filing Date; and (B) two percent (2%) of the Purchase Price of all Debentures to any Computation Date thereafter. Anything in the preceding provisions of this paragraph (iii) to the contrary notwithstanding, after the relevant Effective Date the Purchase Price shall be deemed to refer to the sum of (X) the principal amount of all Debentures not yet converted and (Y) the Held Shares Value. By way of illustration and not in limitation of the foregoing, if the Registration Statement is filed on or before the Required Filing Date, but is not declared effective by August 27, 2006, the Periodic Amount will aggregate two percent (2%).

(iv) Each Periodic Amount will be payable by the Company, except as provided in the other provisions of subparagraph (v), in cash or other immediately available funds to the Investor (1) on the day after the Required Filing Date, the Required Effective Date or a Restricted Sale Date, as the case may be, and (2) on the earlier of (A) each thirtieth day thereafter, (B) the third business day after the date the Registration Statement is filed or is declared effective, or (C) the third business day after the Registration Statement has its restrictions removed after the relevant Effective Date, in each case without requiring demand therefor by the Investor.

(v) Notwithstanding the provisions of the immediately preceding subparagraph (iv),

(i) at the option of the Company, exercisable in its discretion on the date the Periodic Amount is due; provided, however, that the Company may exercise this discretion if, but only if the Registration Statement covering the Payment Shares is then effective; or

(ii) at the option of the Investor, exercisable in its sole and absolute discretion by written notice to the Company at any time before the Periodic Amount is paid,

all or a portion of the Periodic Amount shall be paid by the issuance of additional shares of Common Stock to such Investor ("Payment Shares") in an amount equal to the Periodic Amount being paid thereby divided by the then applicable Conversion Price; provided, further that the Delivery Date for the Payment Shares shall be three (3) business days after the date the Periodic Amount is due (if the election is made by the Company) or after the Investor gives the notice contemplated by clause (ii) of this subparagraph.

(vi) The parties acknowledge that the damages which may be incurred by the Investor if the Registration Statement is not filed by the Required Filing Date or the Registration Statement has not been declared effective by a Required Effective Date, including if the right to sell Registrable Securities under a previously effective Registration Statement is suspended or the shares of the Company's stock are not listed on the Principal Trading Market, may be difficult to ascertain. The parties agree that the amounts payable pursuant to the foregoing provisions of this Section 2(b) represent a reasonable estimate on the part of the parties, as of the date of this Agreement, of the amount of such damages.

(vii) Notwithstanding the foregoing, the amounts payable by the Company pursuant to this provision shall not be payable to the extent any delay in the filing or effectiveness of the Registration Statement occurs because of an act of, or a failure to act or to act timely by the Investor or its counsel.

(viii) "Computation Date" means (A) the date which is the earlier of (1) thirty (30) days after the Required Filing Date, any relevant Required Effective Date or a Restricted Sale Date, as the case may be, or (2) the date after the Required Filing Date, such Required Effective Date or Restricted Sale Date on which the Registration Statement is filed (with respect to payments due as contemplated by Section 2(b) hereof) or is declared effective or has its restrictions removed or the shares of the Company's stock are listed on the Principal Trading Market (with respect to payments due as contemplated by Section 2(b)(ii) hereof), as the case may be, and (B) each date which is the earlier of (1) thirty (30) days after the previous Computation Date or (2) the date after the previous Computation Date on which the Registration Statement is filed (with respect to payments due as contemplated by Section 2(b) hereof) or is declared effective or has its restrictions removed or the shares of the Company's stock are listed on the Principal Trading Market (with respect to payments due as contemplated by Section 2(b)(ii) hereof), as the case may be.

(ix) Notwithstanding anything herein to the contrary the remedy set forth in this Section 2(b) shall be the sole remedy for the Investor if the Registration Statement covering the Registrable Securities is not filed in proper form with the SEC by the Required Filing Date or if the Registration Statement covering the Registrable Securities is not effective by the relevant Required Effective Date or if there is a Restricted Sale Date.

(c) **Piggyback Registration.** If the Company at any time proposes to register any of its securities under the Securities Act for sale to the public, whether for its own account or for the account of other security holders or both, except with respect to registration statements on Forms S-4 and S-8 or another form not available for registering the Registrable Securities for sale to the public, provided the Registrable Securities are not otherwise registered for resale pursuant to an effective registration statement, each such time it will give at least fifteen (15) days' prior written notice to the Investor of its intention so to do. Upon the written request of the Investor, received by the Company within ten (10) days after the giving of any such notice by the Company, to register any of the Registrable Securities not previously registered, the Company will cause such Registrable Securities as to which registration shall have been so requested to be included with the securities to be covered by the registration statement proposed to be filed by the Company, all to the extent required to permit the sale or other disposition of the Registrable Securities so registered by the Investor.

3. Obligations of the Company. In connection with the registration of the Registrable Securities, the Company shall do each of the following:

(a) Prepare promptly, and file with the SEC by the Required Filing Date, a Registration Statement with respect to not less than the number of Registrable Securities provided in Section 2(a) above, and thereafter use its reasonable best efforts to cause such Registration Statement relating to Registrable Securities to become effective by the Required Effective Date and keep the Registration Statement effective at all times, other than during Permitted Suspension Periods, during the period (the "Registration Period") continuing until the earlier of (i) the date when the Investor may sell all Registrable Securities under Rule 144 without volume or other restrictions or limits or (ii) the date the Investor no longer own any of the Registrable Securities, which Registration Statement (including any amendments or supplements thereto and prospectuses contained therein) shall not contain any untrue statement of a material fact or omit to state a material fact required to be stated therein or necessary to make the statements therein, in light of the circumstances in which they were made, not misleading;

(b) Prepare and file with the SEC such amendments (including post-effective amendments) and supplements to the Registration Statement and the prospectus used in connection with the Registration Statement as may be necessary to keep the Registration Statement effective at all times during the Registration Period (except during Permitted Suspension Periods), and, during the Registration Period, comply with the provisions of the Securities Act with respect to the disposition of all Registrable Securities covered by the Registration Statement until such time as all of such Registrable Securities have been disposed of in accordance with the intended methods of disposition by the seller or sellers thereof as set forth in the Registration Statement;

(c) Permit a single firm of counsel designated by the Investor (which, until further notice, shall be deemed to be Krieger & Prager LLP, Attn: Samuel Krieger, Esq., which firm has requested to receive such notification; each, an "Investor's Counsel") to review the Registration Statement and all amendments and supplements thereto a reasonable period of time (but not less than three (3) business days) prior to their filing with the SEC, and not file any

document in a form to which such counsel reasonably objects, unless the Company reasonably determines that such document is required by law to be so filed;

(d) Notify the Investor and the Investor's Counsel and any managing underwriters immediately (and, in the case of (i)(A) below, not less than three (3) business days prior to such filing) and (if requested by any such person) confirm such notice in writing no later than one (1) business day following the day (i)(A) when a Prospectus or any Prospectus supplement or post-effective amendment to the Registration Statement is proposed to be filed; (B) whenever the SEC notifies the Company whether there will be a "review" of such Registration Statement; (C) whenever the Company receives (or a representative of the Company receives on its behalf) any oral or written comments from the SEC in respect of a Registration Statement (copies or, in the case of oral comments, summaries of such comments shall be promptly furnished by the Company to the Investor); and (D) with respect to the Registration Statement or any post-effective amendment, when the same has become effective; (ii) of any request by the SEC or any other Federal or state governmental authority for amendments or supplements to the Registration Statement or Prospectus or for additional information; (iii) of the issuance by the SEC of any stop order suspending the effectiveness of the Registration Statement covering any or all of the Registrable Securities or the initiation of any proceedings for that purpose; (iv) if at any time any of the representations or warranties of the Company contained in any agreement (including any underwriting agreement) contemplated hereby ceases to be true and correct in all material respects; (v) of the receipt by the Company of any notification with respect to the suspension of the qualification or exemption from qualification of any of the Registrable Securities for sale in any jurisdiction, or the initiation or threatening of any proceeding for such purpose; and (vi) of the occurrence of any event that to the best knowledge of the Company makes any statement made in the Registration Statement or Prospectus or any document incorporated or deemed to be incorporated therein by reference untrue in any material respect or that requires any revisions to the Registration Statement, Prospectus or other documents so that, in the case of the Registration Statement or the Prospectus, as the case may be, it will not contain any untrue statement of a material fact or omit to state any material fact required to be stated therein or necessary to make the statements therein, in light of the circumstances under which they were made, not misleading. In addition, the Company shall furnish the Investor's Counsel with copies of all intended written responses to the comments contemplated in clause (C) of this Section 3(d) not later than one (1) business day in advance of the filing of such responses with the SEC so that the Investor shall have the opportunity to comment thereon;

(e) Furnish to the Investor and to Investor's Counsel (i) promptly after the same is prepared and publicly distributed, filed with the SEC, or received by the Company, one (1) copy of the Registration Statement, each preliminary prospectus and prospectus, and each amendment or supplement thereto, and (ii) such number of copies of a prospectus, and all amendments and supplements thereto and such other documents, as the Investor may reasonably request in order to facilitate the disposition of the Registrable Securities owned by the Investor;

(f) As promptly as practicable after becoming aware thereof, notify the Investor of the happening of any event of which the Company has knowledge, as a result of which the prospectus included in the Registration Statement, as then in effect, includes an untrue statement

of a material fact or omits to state a material fact required to be stated therein or necessary to make the statements therein, in light of the circumstances under which they were made, not misleading, and, subject to Section 4(c), use its best efforts promptly to prepare a supplement or amendment to the Registration Statement or other appropriate filing with the SEC to correct such untrue statement or omission, and deliver a number of copies of such supplement or amendment to the Investor as the Investor may reasonably request;

(g) [intentionally omitted]

(h) Comply with Regulation FD or any similar rule or regulation regarding the dissemination of information regarding the Company, and in furtherance of the foregoing, and not in limitation thereof, not disclose to the Investor any non-public material information regarding the Company;

(i) Use its reasonable efforts to secure and maintain the designation of all the Registrable Securities covered by the Registration Statement on the Principal Trading Market and the quotation of the Registrable Securities on the Principal Trading Market;

(j) Provide a transfer agent ("Transfer Agent") and registrar, which may be a single entity, for the Registrable Securities not later than the initial Effective Date;

(k) Cooperate with the Investor to facilitate the timely preparation and delivery of certificates for the Registrable Securities to be offered pursuant to the Registration Statement and enable such certificates for the Registrable Securities to be in such denominations or amounts as the case may be, as the Investor may reasonably request, and, within five (5) business days after a Registration Statement which includes Registrable Securities is ordered effective by the SEC, the Company shall deliver, and shall cause legal counsel selected by the Company to deliver, to the Transfer Agent for the Registrable Securities (with copies to the Investor) an appropriate instruction and opinion of such counsel, which shall include, without limitation, directions to the Transfer Agent to issue certificates of Registrable Securities (including certificates for Registrable Securities to be issued after the Effective Date and replacement certificates for Registrable Securities previously issued) without legends or other restrictions, subject to compliance with applicable law, including, without limitation, prospectus delivery requirements; and

(l) Take all other reasonable actions necessary to expedite and facilitate disposition by the Investor of the Registrable Securities pursuant to the Registration Statement.

4. Obligations of the Investor. In connection with the registration of the Registrable Securities, the Investor shall have the following obligations:

(a) The Investor, by the Investor's acceptance of the Registrable Securities, agrees to cooperate with the Company as reasonably requested by the Company in connection with the preparation and filing of the Registration Statement hereunder, unless the Investor has notified the Company in writing of such Investor's election to exclude all of such Investor's Registrable Securities from the Registration Statement;

(b) The Investor agrees that, upon receipt of any notice from the Company of the happening of any event of the kind described in Section 3(d)(iii) or 3(f), above, the Investor will immediately discontinue disposition of Registrable Securities pursuant to the Registration Statement covering such Registrable Securities until the Investor's receipt of the copies of the supplemented or amended prospectus contemplated by Section 3(d)(iii) or 3(f) and, if so directed by the Company, the Investor shall deliver to the Company (at the expense of the Company) or destroy (and deliver to the Company a certificate of destruction) all copies in the Investor's possession, of the prospectus covering such Registrable Securities current at the time of receipt of such notice;

(c) Notwithstanding anything in this Agreement to the contrary, if at any time or from time to time after the date of effectiveness of the Registration Statement, the Company notifies the Investor in writing that the effectiveness of the Registration Statement is suspended for any reason, whether due to a Potential Material Event or otherwise, the Investor shall not offer or sell any Registrable Securities, or engage in any other transaction involving or relating to the Registrable Securities, from the time of the giving of such notice until the Investor receives written notice from the Company that such the effectiveness of the Registration Statement has been restored, whether because the Potential Material Event has been disclosed to the public or it no longer constitutes a Potential Material Event or otherwise; provided, however, that the Company may not so suspend the right to such holder of Registrable Securities during the periods the Registration Statement is required to be in effect other than during a Permitted Suspension Period (and the applicable provisions of Section 2(b) shall apply with respect to any such suspension other than during a Permitted Suspension Period) . The term "Permitted Suspension Period" means up to two such suspension periods during any consecutive 12-month period, each of which suspension period shall not either (i) be for more than ten (10) business days or (ii) begin less than ten (10) business days after the last day of the preceding suspension (whether or not such last day was during or after a Permitted Suspension Period)

5. Expenses of Registration. (a) All reasonable expenses (other than underwriting discounts and commissions of the Investor) incurred in connection with registrations, filings or qualifications pursuant to Section 3, but including, without limitation, all registration, listing, and qualifications fees, printers and accounting fees, the fees and disbursements of counsel for the Company shall be borne by the Company.

(b) Neither the Company nor any of its subsidiaries has, as of the date hereof, nor shall the Company nor any of its subsidiaries, on or after the date of this Agreement, enter into any agreement with respect to its securities that is inconsistent with the rights granted to the Holders in this Agreement or otherwise conflicts with the provisions hereof. The Company shall be entitled to include all the shares required to be registered hereunder under any registration rights agreement entered into after the date of this Agreement, that is not inconsistent with the rights granted to the Holders in this Agreement or that otherwise conflicts with the provisions hereof on a single registration statement under the Securities Act.

6. Indemnification. In the event any Registrable Securities are included in a Registration Statement under this Agreement:

(a) To the extent permitted by law, the Company will indemnify and hold harmless the Investor, the directors, if any, of the Investor, the officers, if any, of the Investor, and each Lender Control Person (each, an "Lender Indemnified Party"), against any losses, claims, damages, liabilities or expenses (joint or several) incurred (collectively, "Claims") to which any of them may become subject under the Securities Act, the Securities Exchange Act of 1934, as amended (the "Exchange Act") or otherwise, insofar as such Claims (or actions or proceedings, whether commenced or threatened, in respect thereof) arise out of or are based upon: (i) any untrue statement or alleged untrue statement of a material fact contained in the Registration Statement or any post-effective amendment thereof or the omission or alleged omission to state therein a material fact required to be stated therein or necessary to make the statements therein not misleading, (ii) any untrue statement or alleged untrue statement of a material fact contained in the final prospectus (as amended or supplemented, if the Company files any amendment thereof or supplement thereto with the SEC) or the omission or alleged omission to state therein any material fact necessary to make the statements made therein, in light of the circumstances under which the statements therein were made, not misleading or (iii) any violation or alleged violation by the Company of the Securities Act, the Exchange Act, any state securities law or any rule or regulation under the Securities Act, the Exchange Act or any state securities law (the matters in the foregoing clauses (i) through (iii) being, collectively referred to as "Violations"). Subject to clause (b) of this Section 6, the Company shall reimburse the Investor, promptly as such expenses are incurred and are due and payable, for any reasonable legal fees or other reasonable expenses incurred by them in connection with investigating or defending any such Claim. Notwithstanding anything to the contrary contained herein, the indemnification agreement contained in this Section 6(a) shall not (I) apply to any Claim arising out of or based upon a Violation which occurs in reliance upon and in conformity with information furnished in writing to the Company by or on behalf of such Lender Indemnified Party expressly for use in connection with the preparation of the Registration Statement or any such amendment thereof or supplement thereto, if such prospectus was timely made available by the Company pursuant to Section 3(b) hereof; (II) be available to the extent such Claim is based on a failure of any Lender Indemnified Party to deliver or cause to be delivered the prospectus made available by the Company or the amendment or supplement thereto made available by the Company; (III) be available to the extent such Claim is based on the delivery of a prospectus by any Lender Indemnified Party after receiving notice from the Company under Section 3(d)(iii) or 3(f) or Section 4(c) hereof (other than a notice regarding the effectiveness of the Registration Statement or any amendment or supplement thereto), or (IV) apply to amounts paid in settlement of any Claim if such settlement is effected without the prior written consent of the Company, which consent shall not be unreasonably withheld or delayed. The Investor will indemnify the Company and its officers, directors and agents and each Company Control Person (each, an "Company Indemnified Party", and together with each Lender Indemnified Party, each an "Indemnified Party") against any claims arising out of or based upon a Violation which occurs in reliance upon and in conformity with information furnished in writing to the Company, by or on behalf of the Investor, expressly for use in connection with the preparation of the Registration Statement or the amendment or supplement thereto, subject to such limitations and conditions as are applicable to the indemnification provided by the Company to this Section 6. Such indemnity shall remain in full force and effect regardless of any investigation made by or on behalf of the

Indemnified Party and shall survive the transfer of the Registrable Securities by the Investor pursuant to Section 9.

(b) Promptly after receipt by an Indemnified Party under this Section 6 of notice of the commencement of any action (including any governmental action), such Indemnified Party shall, if a Claim in respect thereof is to be made against any indemnifying party under this Section 6, deliver to the indemnifying party a written notice of the commencement thereof and the indemnifying party shall have the right to participate in, and, to the extent the indemnifying party so desires, jointly with any other indemnifying party similarly noticed, to assume control of the defense thereof with counsel mutually satisfactory to the indemnifying party and the Indemnified Party. In case any such action is brought against any Indemnified Party, and it notifies the indemnifying party of the commencement thereof, the indemnifying party will be entitled to participate in, and, to the extent that it may wish, jointly with any other indemnifying party similarly notified, assume the defense thereof, subject to the provisions herein stated and after notice from the indemnifying party to such Indemnified Party of its election so to assume the defense thereof, the indemnifying party will not be liable to such Indemnified Party under this Section 6 for any legal or other reasonable out-of-pocket expenses subsequently incurred by such Indemnified Party in connection with the defense thereof other than reasonable costs of investigation, unless the indemnifying party shall not pursue the action to its final conclusion. The Indemnified Party shall have the right to employ separate counsel in any such action and to participate in the defense thereof, but the fees and reasonable out-of-pocket expenses of such counsel shall not be at the expense of the indemnifying party if the indemnifying party has assumed the defense of the action with counsel reasonably satisfactory to the Indemnified Party provided such counsel is of the opinion that all defenses available to the Indemnified Party can be maintained without prejudicing the rights of the indemnifying party. The failure to deliver written notice to the indemnifying party within a reasonable time of the commencement of any such action shall not relieve such indemnifying party of any liability to the Indemnified Party under this Section 6, except to the extent that the indemnifying party is prejudiced in its ability to defend such action. The indemnification required by this Section 6 shall be made by periodic payments of the amount thereof during the course of the investigation or defense, as such expense, loss, damage or liability is incurred and is due and payable.

7. **Contribution.** To the extent any indemnification by an indemnifying party is prohibited or limited by law, the indemnifying party agrees to make the maximum contribution with respect to any amounts for which it would otherwise be liable under Section 6 to the fullest extent permitted by law; provided, however, that (a) no contribution shall be made under circumstances where the maker would not have been liable for indemnification under the fault standards set forth in Section 6; (b) no seller of Registrable Securities guilty of fraudulent misrepresentation (within the meaning of Section 11(f) of the Securities Act) shall be entitled to contribution from any seller of Registrable Securities who was not guilty of such fraudulent misrepresentation; and (c) except where the seller has committed fraud (other than a fraud by reason of the information included or omitted from the Registration Statement as to which the Company has not given notice as contemplated under Section 3 hereof) or intentional misconduct, contribution by any seller of Registrable Securities shall be limited in amount to the net amount of proceeds received by such seller from the sale of such Registrable Securities.

8. Reports under Securities Act and Exchange Act. With a view to making available to the Investor the benefits of Rule 144 promulgated under the Securities Act or any other similar rule or regulation of the SEC that may at any time permit the Investor to sell securities of the Company to the public without Registration ("Rule 144"), for a period of two years after the date hereof, the Company agrees to:

(a) make and keep public information available, as those terms are understood and defined in Rule 144;

(b) file with the SEC in a timely manner all reports and other documents required of the Company under the Securities Act and the Exchange Act; and

(c) furnish to the Investor so long as the Investor owns Registrable Securities, promptly upon request, (i) a written statement by the Company that it has complied with the reporting requirements of Rule 144, the Securities Act and the Exchange Act, (ii) if not available on the SEC's EDGAR system, a copy of the most recent annual or quarterly report of the Company and such other reports and documents so filed by the Company and (iii) such other information as may be reasonably requested to permit the Investor to sell such securities pursuant to Rule 144 without Registration; and

(d) at the request of the Investor, give its Transfer Agent instructions to the effect that, upon the Transfer Agent's receipt from such Holder of

(i) a certificate (a "Rule 144 Certificate") certifying (A) that the Investor's holding period (as determined in accordance with the provisions of Rule 144) for the shares of Registrable Securities which the Investor proposes to sell (the "Securities Being Sold") is not less than (1) year and (B) as to such other matters as may be appropriate in accordance with Rule 144 under the Securities Act, and

(ii) an opinion of counsel acceptable to the Company for which purpose it is agreed that Investor's Counsel shall be deemed acceptable if not given by Ropes and Gray that, based on the Rule 144 Certificate, Securities Being Sold may be sold pursuant to the provisions of Rule 144, even in the absence of an effective Registration Statement,

the Transfer Agent is to effect the transfer of the Securities Being Sold and issue to the buyer(s) or transferee(s) thereof one or more stock certificates representing the transferred Securities Being Sold without any restrictive legend and without recording any restrictions on the transferability of such shares on the Transfer Agent's books and records (except to the extent any such legend or restriction results from facts other than the identity of the Investor, as the seller or transferor thereof, or the status, including any relevant legends or restrictions, of the shares of the Securities Being Sold while held by the Investor). If the Transfer Agent reasonably requires any additional documentation at the time of the transfer, the Company shall deliver or cause to be delivered all such reasonable additional documentation as may be necessary to effectuate the issuance of an unlegended certificate.

9. Assignment of the Registration Rights. The rights to have the Company register Registrable Securities pursuant to this Agreement shall be automatically assigned by the Investor to any transferee of the Registrable Securities (or all or any portion of any unconverted Debentures) only if the Company is, within a reasonable time after such transfer or assignment, furnished with written notice of (a) the name and address of such transferee or assignee, (b) the securities with respect to which such registration rights are being transferred or assigned and (c) written evidence of the transferee's assumption of the Investor's obligations under this Agreement.

10. Amendment of Registration Rights. Any provision of this Agreement may be amended and the observance thereof may be waived (either generally or in a particular instance and either retroactively or prospectively), only with the written consent of the Company and the Investor. Any amendment or waiver effected in accordance with this Section 10 shall be binding upon the Investor and the Company.

11. Miscellaneous.

(a) A person or entity is deemed to be a holder of Registrable Securities whenever such person or entity owns of record such Registrable Securities. If the Company receives conflicting instructions, notices or elections from two or more persons or entities with respect to the same Registrable Securities, the Company shall act upon the basis of instructions, notice or election received from the registered owner of such Registrable Securities.

(b) Notices required or permitted to be given hereunder shall be given in the manner contemplated by the Securities Purchase Agreement, if to the Company or to the Investor, to their respective address contemplated by the Securities Purchase Agreement, or at such other address as each such party furnishes by notice given in accordance with this Section 11(b).

(c) Failure of any party to exercise any right or remedy under this Agreement or otherwise, or delay by a party in exercising such right or remedy, shall not operate as a waiver thereof.

(d) This Agreement shall be governed by and interpreted in accordance with the laws of the State of New York for contracts to be wholly performed in such state and without giving effect to the principles thereof regarding the conflict of laws. Each of the parties consents to the jurisdiction of the federal courts whose districts encompass any part of the City of New York or the state courts of the State of New York sitting in the City of New York in connection with any dispute arising under this Agreement and hereby waives, to the maximum extent permitted by law, any objection, including any objection based on *forum non conveniens*, to the bringing of any such proceeding in such jurisdictions.

(e) The Company and the Investor hereby waive a trial by jury in any action, proceeding or counterclaim brought by either of the parties hereto against the other in respect of any matter arising out of or in connection with this Agreement or any of the other Transaction Agreements.

(f) If any provision of this Agreement shall be invalid or unenforceable in any jurisdiction, such invalidity or unenforceability shall not affect the validity or enforceability of the remainder of this Agreement or the validity or enforceability of this Agreement in any other jurisdiction.

(g) Subject to the requirements of Section 9 hereof, this Agreement shall inure to the benefit of and be binding upon the successors and assigns of each of the parties hereto.

(h) All pronouns and any variations thereof refer to the masculine, feminine or neuter, singular or plural, as the context may require.

(i) The headings in this Agreement are for convenience of reference only and shall not limit or otherwise affect the meaning thereof.

(j) This Agreement may be executed in one or more counterparts, each of which shall be deemed an original but all of which shall constitute one and the same agreement. This Agreement, once executed by a party, may be delivered to the other party hereto by telephone line facsimile transmission of a copy of this Agreement bearing the signature of the party so delivering this Agreement.

(k) Neither party shall be liable for consequential damages as a result of any delay under this Agreement.

(l) This Agreement (including to the extent relevant the provisions of other Transaction Agreements) constitutes the entire agreement among the parties hereto with respect to the subject matter hereof and supersedes all prior agreements and understandings among the parties hereto with respect to the subject matter hereof. There are no restrictions, promises, warranties or undertakings, other than those set forth or referred to herein.

[REMAINDER OF PAGE INTENTIONALLY LEFT BLANK]

IN WITNESS WHEREOF, the parties have caused this Agreement to be duly executed by their respective officers thereunto duly authorized as of the day and year first above written.

COMPANY:

ADVANCED TECHNOLOGY INDUSTRIES, INC.

By: _____

Name:

Title:

INVESTOR:

CHICAGO VENTURE PARTNERS, L.P.

**By: Chicago Venture Management, L.L.C., a
Delaware limited liability company, its sole
General Partner**

**By: CVM, Inc., an Illinois corporation,
Manager**

By:  _____

IN WITNESS WHEREOF, the parties have caused this Agreement to be duly executed by their respective officers thereunto duly authorized as of the day and year first above written.

COMPANY:

ADVANCED TECHNOLOGY INDUSTRIES, INC.

By: [Signature]
Name: ARUN TULSIE
Title: PRESIDENT

INVESTOR:

CHICAGO VENTURE PARTNERS, L.P.

By: Chicago Venture Management, L.L.C., a
Delaware limited liability company, its sole
General Partner

By: CVM, Inc., an Illinois corporation,
Manager

By: _____